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| 09/737,592      | 12/18/2000  | Brian Cruickshank    | 91436-309           | 1679             |

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EXAMINER

ZEWDU, MELESS NMN

| ART UNIT | PAPER NUMBER |
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2683

DATE MAILED: 04/01/2004

7

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/737,592

**Applicant(s)**

CRUICKSHANK, BRIAN

**Examiner**

Meless N Zewdu

**Art Unit**

2683

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE \_\_\_\_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 25 January 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-24 and 27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 and 27 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |  |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____  |

**DETAILED ACTION**

***Response to Amendment (A)***

1. This action is in response to the communication filed on 1/25/04.
2. Claims 25-26 have been cancelled in the current amendment.
3. New claim 27 has been added.
4. Claims 1-24 and 27 are pending in this action.
5. This action is final.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claim 27 is rejected under 35 U.S.C. 102(e) as being anticipated by Baxter, Jr.  
(Baxter) (US 6,385,306 B1).

**As per claim 27:** a voice messaging repository comprising:

Receiving a voice message reads on '306 (see col. 10, lines 6-23).

Storing said received voice message in a first file format reads on '306 (see col. 10, lines 6-23, particularly, lines 18-19).

Converting and compressing said received voice message from said first file format to a second file format reads on '306 (see col. 10, lines 19-22; col. 6, line 63-col. 7, line 23; col. 1, lines 33-52).

Transmitting said voice message in said second file format reads on '306 (see col. 10, lines 22-23; col. 6, line 63-col. 7, line 23).

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-9 and 15-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Helferich (US 6,097,941) in view of Baxter, Jr. (Baxter) (US 6,385,306 B1).

**As per claim 1:** a method of providing voice messaging services comprising:

Communicating with voice messaging repository to receive a voice message at said handheld computing device reads on '941 (see abstract; col. 2, lines 23-47; fig. 3, element 100; col. 4, lines 46-56). Element 100 is a handheld device.

Locally storing said received voice message reads on '941 (see abstract; col. 3, line 67-col. 4, line 8).

Art Unit: 2683

Locally providing an interface to said user allowing said user to indicate an action to perform on said received voice message reads on '941 (see fig. 2, element 3; col. 7, lines 12-18, 23-44; col. 7, line 63-col. 8, line 30). But, Helferich does not explicitly teach about receiving a voice message (from messaging repository) in a compressed file format comprising a compressed audio portion and information portion wherein the compressed audio portion is generated by conversion from a first format to said compressed file format, as claimed by applicant. However, in a related field of endeavor, Baxter teaches about a voice mail server that records a caller's voice message onto a storage medium wherein the voice message is compressed and encoded into a digital audio file and then attached to an email address previously identified (according to the know protocol MP3) (see col. 1, lines 32-46), following which the email and the digital audio file attachment is then opened and listened to by a user (see col. 10, lines 10-23) of a cellular telephone (see col. 6, line 63-col. 7, line 23). **The email address, to which the audio file attaches to is, the information portion of the voice message file.** Therefore, it would have been obvious for one of ordinary skill in the art at the time the invention was made to modify the teaching of Helferich, with that of Baxter for the advantage of saving storage space and faster transmission (see col. 1, lines 33-34).

**As per claim 2:** the method further comprising:

Receiving an indication of said action to perform on said received voice message reads on '914 (col. 5, lines 1-46).

Art Unit: 2683

Responsive to receiving said indication, performing said action reads on '914 (see col. 5, lines 1-17).

**As per claim 3:** the method wherein said action is "play" and said performing said action further comprises:

Generating an audio signal from said received voice message reads on '941 (see col. 8, lines 34-50).

Outputting said audio signal to an audio output device associated with said handheld device reads on '941 (see 5, lines 1-17; col. 6, lines 45-56; col. 8, lines 36-50).

**As per claim 4:** the method wherein said action is "delete" and said performing said action further comprises further communicating with said voice messaging repository to indicate a deletion of said received voice message reads on reads on '941 (see col. 7, line 45-col. 8, line 14; col. 9, lines 15-23).

**As per claim 5:** the method wherein said action is "forward" and said performing said action further comprises:

Receiving an indication of an intended recipient of said received voice message reads on '941 (see col. 5, lines 18-46).

Further communicating with said voice messaging repository to transfer information identifying said intended recipient reads on '941 (see col. 5, line 61-col. 6, line 4).

**As per claim 6:** the method wherein said information identifying said intended recipient is a telephone number reads on '941 (see col. 5, lines 18-25). The calling identifier (CI) of the prior art can be a telephone number.

Art Unit: 2683

**As per claim 7:** the method wherein said indication is a name and said method further includes locally mapping said name to said telephone number reads on '941 (see col. 8, lines 35-60).

**As per claim 8:** the method further comprising:

Extracting, from said received voice message, information related to said received message reads on '941 (see col. 5, lines 18-46; col. 8, lines 36-60).

Using said interface to present said information related to said received voice message reads on '941 (see fig. 2, block 3; col. 5, lines 1-17; col. 8, lines 36-60).

**As per claim 9:** the method wherein said interface comprises a display of said information related to said received voice message reads on '941 (see col. 3, line 49-col. 4, line 8; col. 5, lines 1-17).

**As per claim 15:** the method wherein said voice messaging repository is a voice messaging server and wherein said communicating with said voice messaging server occurs over a public switched telephone network reads on '941 (see fig. 3, block 35; col. 4, lines 46-67; col. 6, lines 34-47).

**As per claim 16:** the method further comprising establishing a connection to said public switched telephone network reads on '941 (see fig. 3; col. 2, lines 23-67; col. 3, lines 46-67).

**As per claim 17:** the method further comprising generating dual tone multi-frequency tones for said communicating with said voice messaging server reads on '941 (see 1, lines 38-46).

Art Unit: 2683

**As per claim 18:** the method wherein said compressed file format is MP# format reads on '306 (see col. 1, lines 33-57).

**As per claim 19:** the method further comprising, before said communicating with said voice messaging repository to receive said voice message, receiving an indication of arrival of a voice message from said voice messaging repository reads on '941 (see col.

**As per claim 20:** the method wherein said indication of arrival includes details associated with said received voice message reads on '941 (see col. 5, lines 47-60; col. 6, lines 14-33).

**As per claim 21:** the method wherein said communication with said voice messaging repository further comprises indicating to said voice messaging repository a status of voice messages previously received at said handheld device reads on '941 (see 5, lines 47-60).

**As per claim 22:** the method wherein, for each of said previously received voice messages, said status is one of unplayed, deleted, sent and unsent reads on '941 (see col. 7, lines 45-63).

**As per claim 23:** a handheld device comprising:

Means for communicating with a voice messaging repository to receive a voice message reads on '941 (see abstract; col. 2, lines 23-47; fig. 3, element 100; col. 4, lines 46-56).

Means for locally storing said received voice message reads on '941 (see abstract; col. 3, line 67-col. 4, line 8).



Art Unit: 2683

Means for locally providing an interface to said user allowing said user to indicate an action to perform on said received voice message reads on '941 (see fig. 2, element 3; col. 7, lines 12-18, 23-44; col. 7, line 63-col. 8, line 30). But, Helferich does not explicitly teach about a voice message file in a compressed file format, received from a message repository, said received message in said file format comprising a compressed audio portion and information portion, and said audio portion generated by conversion from a first file format to said compressed file format, as claimed by applicant. However, in a related field of endeavor, Baxter teaches about a voice mail server that records a caller's voice message onto a storage medium wherein the voice message is compressed and encoded into a digital audio file and then attached to an email address previously identified (according to the know protocol MP3) (see col. 1, lines 32-46), following which the email and the digital audio file attachment is then opened and listened to by a user (see col. 10, lines 10-23) of a cellular telephone (see col. 6, line 63-col. 7, line 23). Therefore, it would have been obvious for one of ordinary skill in the art at the time the invention was made to modify the teaching of Helferich, with that of Baxter for the advantage of saving storage space and faster transmission (see col. 1, lines 33-34).

**As per claim 24:** a computer readable medium containing computer-executable instructions which, when performed by a processor in a handheld device, causes the processor to:

Communicate with a voice messaging repository to receive a voice message reads on '941 (see abstract; col. 2, lines 23-47; fig. 3, element 100; col. 4, lines 46-56).

Art Unit: 2683

Locally store said received voice message reads on '941 (see abstract; col. 3, line 67-col. 4, line 8).

Locally provide an interface to said user allowing said user to indicate an action to perform on said received voice message reads on '941 (see fig. 2, element 3; col. 7, lines 12-18, 23-44; col. 7, line 63-col. 8, line 30). But, Helferich does not explicitly teach about receiving, from a voice messaging repository, a voice message file in a compressed file format, said received voice message in said compressed file format comprising a compressed audio portion and an information portion, and said said compressed audio portion generated by conversion from a first file format to said compressed file format, as claimed by applicant. However, in a related field of endeavor, Baxter teaches about a voice mail server that records a caller's voice message onto a storage medium wherein the voice message is compressed and encoded into a digital audio file and then attached to an email address previously identified (according to the know protocol MP3) (see col. 1, lines 32-46), following which the email and the digital audio file attachment is then opened and listened to by a user (see col. 10, lines 10-23) of a cellular telephone (see col. 6, line 63-col. 7, line 23). Therefore, it would have been obvious for one of ordinary skill in the art at the time the invention was made to modify the teaching of Helferich, with that of Baxter for the advantage of saving storage space and faster transmission (see col. 1, lines 33-34).

Claims 10-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Helferich as applied to claims 1 above and further in view of Luzeski et al. (Luzeski) (US 6,301,245 B1).

**As per claim 10:** but, Helferich in view of Dodrill do not explicitly teach about the method wherein said voice messaging repository is a desktop personal computer and said communicating with said voice messaging repository occurs over a wired connection, as claimed by applicant. However, in a related field of endeavor, Luzeski teaches about a universal messaging system wherein subscribers can access messages from a personal computer via the internet using a standard Web browser with a Java script that presents each subscriber with a universal "inbox" that displays all of that subscriber's voice, fax and e-mail messages (see fig. 3, element 20; fig. 5; abstract; col. 3, line 43-col. 4, line 31; col. 5, line 66-col. 6, line 60). Therefore, it would have been obvious for one of ordinary skill in the art at the time the invention was made to add Luzeski's universal messaging system to the above references for the advantage of providing subscribers a universal messaging service that utilizes the internet as taught by Luzeski (see col. 3, lines 43-50).

**As per claim 11:** the method wherein said voice messaging repository is a voice messaging server and wherein said communicating with said voice messaging server occurs over a wired connection reads on '245 (see fig. 5; col. 3, lines 43-67).

**As per claim 12:** the method further comprising establishing a connection to said data network reads on '245 (see col. 3, lines 45-67).

Art Unit: 2683

**As per claim 13:** the method further comprising employing the internet protocol for said communicating with said voice messaging server reads on '245 (see abstract; col. 3, lines 43-67; col. 4, lines 1-25).

**As per claim 14:** the method further comprising employing the Hyper-Text Transfer protocol for said communicating with said voice messaging server reads on '245 (see col. 6, lines 42-60).

### ***Response to Arguments***

Applicant's arguments with respect to claims 1-24 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

Art Unit: 2683

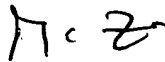
extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Meless N Zewdu whose telephone number is (703) 306-5418. The examiner can normally be reached on 8:30 am to 5:00 pm..


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on (703) 308-5318. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.

Meless Zewdu



Examiner

  
WILLIAM TROST  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

29 March 2004.